JFW 2813 $

PATENT
Docket No.: **801939/101**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)	:	Lars Langemyr, Magnus Marklumd, Arne Nordmark, Per-Olof Perrson, and Magnus Ringh	Examiner: Ayal I. Sharon
Serial No.	:	09/675,778	Art Unit: 2183
Cnfrm. No.	:	8229	
Filed	:	September 20, 2000	
For	:	METHOD FOR THE SPECIFICATION OF AND AUTOMATIC DERIVATION OF THE PARTIAL DIFFERENTIAL EQUATIONS ASSOCIATED WITH THE COUPLED PHYSICAL QUANTITIES IN A MULTIPHYSICS PROBLEM	

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Pursuant to 37 CFR § 1.17(p) and 37 CFR § 1.97(c), applicants hereby enclose a check in the amount of $180.00. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 14-1138.

02/14/2006 AWONDAF1 00000051 09675778
01 FC:1806 180.00 OP

Respectfully submitted,

Date: February 8, 2006

Gunnar G. Leinberg
Registration No. 35,584

NIXON PEABODY LLP
Clinton Square, P.O. Box 31051
Rochester, New York 14603-1051
Telephone: (585) 263-1014
Facsimile: (585) 263-1600

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2

Complete if Known	
Application Number	09/675,778
Filing Date	September 29, 2000
First Named Inventor	Langemyr et al.
Art Unit	2123
Examiner Name	Ayal I. Sharon
Attorney Docket Number	801939/101

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	U.S. Patent Document Number - Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	1	GEORGE et al., "Delaunay Triangulation and Meshing," *Hermes,* Paris 33-238 (1998); Delaunay triangulation: 33-46, 50-59; Constrained triangulation: 73-99; Parametric surface meshing: 161-173; Optimizations: 215-238	
	2	DAHLQUIST et al., "Numerical Methods," *Prentice Hall* 284-355 (1974); Interpolation: 284-285; Linear Solver: 146-172; Time-Dependent Solver: 347-355;Eigenvalue Solver: 208-211; Damped Newton Method: 248-253	
	3	BRENNER et al., "The Mathematical Theory of Finite Element Methods," *Springer-Verlag*1-12 (1994); The Finite Element Method: 1-12	
	4	FREY et al., "Mesh Generation, Application to Finite Elements," *Hermes*, Paris 88-90(2000); Mesh Search: 88-90	
	5	ZIENKIEWICZ et al., "The Finite Element Method," *McGraw-Hill* 1:23-177; Basis Function: 23-26; Quadrature Formulas, Gauss Points, Weights: 175-177	
	6	DAVENPORT et al., "Computer Algebra Systems and Algorithms for Algebraic Computation," *Academic Press* 28-32 (1993); Symbolic Differentiation: 28-32	
	7	C. JOHNSON, "Numerical Solution of Partial Differential Equations by the Finite Element Method," *Studentlitteratur* 14-18 (1987); Test Function 14-18	

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Application Number	09/675,778
Filing Date	September 29, 2000
First Named Inventor	Langemyr et al.
Group Art Unit	2123
Examiner Name	Ayal I. Sharon
Attorney Docket Number	801939/101

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Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
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	14	FEMLAB®, "Installation and New Features Guide," Version 2.3 (November 2002)	
	15	FEMLAB®, "Reference Manual," Version 1.0 (July 1998)	
	16	FEMLAB, "FEMLAB 2.2: New Features©," (2001) Printed from http://www.technion.ac.il/~leonidb/BursteinSite/Femlb22About.htm	
	17	ANDERSON, D.G., "Iterative Procedures for Nonlinear Integral Equations," *Journal of the ACM* 12(4):547-560 (1965)	

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